

IN THE ABSTRACT

Please amend ABSTRACT as follows:

~~Disclosed is a method for providing~~ Providing a high-speed data service and ~~a voice~~ service in a transmission system employing two binary, one quaternary (2B1Q) modulation/demodulation, ~~the transmission system including a remote terminal providing~~ using a high-speed data service remote terminal, a plurality of user ~~terminals including data~~ service ~~terminals~~ and voice service terminals, and a multi-rate digital subscriber line (MDSL) terminal connected to the remote terminal through a twisted pair line, ~~the multi-rate digital subscriber line terminal being also connected~~ and to the user terminals. During ~~a~~ downstream voice service, the remote terminal assembles and transmits an high bit rate digital subscriber line (HDSL) frame by including signaling signals for the voice service and signal processing mode information in a user-defined interval of the high bit rate digital subscriber line frame, ~~and transmits the assembled high bit rate digital subscriber line frame~~ to the multi-rate digital subscriber line terminal through the twisted pair line. During ~~an~~ upstream voice service, the remote terminal receives the high bit rate digital subscriber line frame and transmits the signaling signals ~~in the received high bit rate digital subscriber line frame~~ to an exchange.